INTERNATIONAL	SEVDUR	DEDODT
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International application No.
PCT/US04/32090

	SIFICATION OF SUBJECT MATTER		
IPC(7)	: G01B 9/02		
US CL	: 356/480 International Patent Classification (IPC) or to both nat	ional classification and IPC	
	DS SEARCHED	one one of the original or	
	cumentation searched (classification system followed by 56/480, 35.5, 519; 372/32	y classification symbols)	
Documentation NONE	on searched other than minimum documentation to the	extent that such documents are included	in the fields searched
Electronic da NONE	ta base consulted during the international search (name	of data base and, where practicable, sea	arch terms used)
C. DOC	UMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where ap	<u> </u>	Relevant to claim No.
Х	US 5,301,001 (MURPHY et al) 05 April 1994 (05.04.1994), Fig. 2 and corresponding passages.		1-32
X	US 5,907,403 (ANDREWS et al) 25 May 1999 (25.05.1999) Figs. 2a, 2b and corresponding passages		1-32
x	US 6,069,686 (WANG et al) 30 May 2000 (30.05.2000) Figs. 2, 4, 5 and corresponding passages		1-32
X	US 6,567,173 B1 (JOHANNESEN) 20 May 2003 (20.05.2003) Figs. 1-5 and corresponding passages		1-32
Α	US 6,141,087 (VIEL) 31 October 2000 (31.10.2000)		1-32
	1		
Furthe	r documents are listed in the continuation of Box C.	See patent family annex.	
"A" documen	Special categories of cited documents: at defining the general state of the art which is not considered to be	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
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establish	nt which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as	"Y" document of particular relevance; the	
specified "O" documen	i) at referring to an oral disclosure, use, exhibition or other means	considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
	nt published prior to the international filing date but later than the date claimed	"&" document member of the same pater	nt family
Date of the a	actual completion of the international search	Date of mailing of the international sea	arch report
	005 (10.03.2005)	U3 JUN 2005	
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